

High-Definition playback of all of your DVDs

This DVD recorder does not wait for broadcasters to get HD-ready – enjoy High-Definition video already, thanks to SD-to-HD Video Upscaling

Superior Audio and Video recording and playback

- HDMI output for digital High Definition video with digital audio¹
- Video upscaling for improved resolution of up to 1080i lines
- Faroudja DCDi progressive scan with pixel-based digital motion adaptation
- Component Video Input for the best digital recording quality from set-top box
- 5.1 channel audio recording from 5.1 Dolby Digital and DTS sources
- i.LINK digital connection for perfect camcorder copies
- Up to 8 hours video recording per side

Edit, capture, share & preserve

- Digital Photo Recorder to record over 3600 pictures on DVD
- PCMCIA Media Slot to view and share your photos on TV from most memory cards
- Fast transfer from memory card to DVD: no cables, no software installation

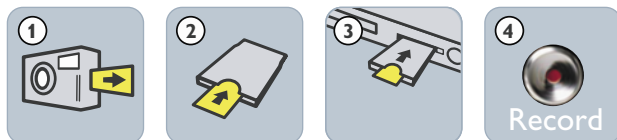
Share your favorite recordings

- DVD+RW offers the highest compatibility in the industry
- Compatibility in all recording modes, no need to choose
- Index Picture Screen: recorded DVD menu stays with the disc and is recognized by other DVD Players

Enjoy your favorite movies and music

- Plays DVD, CD, MP3 and picture CDs

¹ requires a HD-capable display with HDMI or DVI input



PHILIPS



Technical Specification

Storage media

Optical disc recording DVD+RW/+R
Optical disc playback DVD-Video, Video CD, Super VCD, Audio CD, MP3 CD, Picture CD, CD-R/RW, DVD-R, DVD-RW

Memory card reading/writing Memory Stick, Compact Flash, SD (Secure Digital), Smart Media, Micro Drive MultiMedia Card

Record modes

- M1: 60 minutes
- M2: 120 minutes
- M2x: 150 minutes
- M3: 180 minutes
- M4: 240 minutes
- M6: 360 minutes
- M8: 480 minutes

TV systems

Playback/recording: NTSC
Internal tuner: NTSC

Video

Output formats 480i, 480p, 720p, 1080i
AD Converter 10 bit, 54 MHz
DA Converter 10 bit, 54 MHz

Audio

Encoding Dolby Digital 2-channel, PCM

Recording Dolby Digital 2.0-5.1*, DTS*, MPEG2 Multichannel, PCM

Playback Dolby Digital, DTS, MPEG2 Multichannel, MPEG1 layer 3 (MP3), PCM

DA Converter 24 bit, 96 kHz
AD Converter 24 bit, 96 kHz

Signal / Noise (1kHz) 95 dB
Dynamic range (1kHz) 85 dB
Cross-talk (1kHz) 95 dB
Distortion / Noise (1kHz) 85 dB

* 6.1-channel compatible

Front Connections

- Media Slot (PCMCIA card type II)
- i.LINK DV in (IEEE 1394 4-pin)
- S-video in
- Video in
- Audio left/right in

Rear Connections

- HDMI out
- Component video in
- Progressive scan / Component video out
- S-video in / out
- Video in / out
- Audio left/right in (2x) / out (2x)
- Digital audio in (coaxial/optical)
- Digital audio out (coaxial/optical)
- RF antenna in / TV out
- Mains

Timer Recording

- 1-year timer programming, 6 events
- daily/weekly repeat recording
- VCR Plus+ programming

Video Editing Functions

- Favorite Scene Selection
- Automatic/Manual Chapter Marker insertion
- Selectable Index Pictures
- Selectable Background Picture
- Append
- Divide
- Fit to Space

Digital Photo Manager

- Still picture formats JPEG
- Copy still pictures to/from memory card, to/from DVD+R/+RW, from CD
 - Record DVD-compatible slide shows on DVD+RW/+R
 - Create albums
 - Edit pictures (colours, filters)
 - Zoom (2 x, 4x, 6x), Rotate, Flip

Disc Library

- Up to 9000 titles
- Up to 999 discs

On-Screen Display

Languages English, French, Spanish

Power Supply

- 90-140 VAC (120 V nom), 50/60 Hz
- 28 W power consumption (operation)
- 3 W power consumption (eco standby)

Cabinet

Dimensions (w x h x d) 435 x 65 x 335 mm
Net Weight 4.0 kg

Package Contents

- DVD Recorder
- Remote Control + batteries
- Directions for use
- Component video cables
- S-video cable
- Video cable
- Stereo audio cable
- Coaxial digital audio cable
- Coax RF antenna cable

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Specifications are subject to change without notice
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DTS is a trademark of Digital Theater Systems, Inc.
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Product Highlights

HDMI

HDMI stands for High Definition Multimedia Interface. It is a direct digital connection that can carry digital HD video as well as digital audio. By eliminating the conversion to analog signals it delivers perfect picture and sound quality, completely free from noise.

HDMI is fully backward compatible with DVI.

Video Upscaling

With Video Upscaling you can increase the resolution of SD (Standard Definition) video signals that DVD uses to HD (High Definition) so you'll be able to see more details thanks to a sharper, more true-to-life picture.

The resulting HD video output signal can be fed to an HD display through the analog YP_BP_R connection or via HDMI (High-Definition Multimedia Interface).

DCDi™ by Faroudja

DCDi (Directional Correlational Deinterlacing) eliminates the jagged edges that normally appear in interlaced video material with simpler Progressive Scan algorithms based on interpolation.

DCDi computes and tracks the angles of edges and uses this information to optimally fill in the missing pixel.

Digital 5.1-channel recording

Digital 5.1-channel recording lets you capture – along with the video – the original sound from digital multi-channel sources such as satellite receivers to store it on DVD. The DVD Recorder can record transparently the sound fed to the digital audio input, such as Dolby Digital, DTS or MPEG Multichannel.

Digital Photo Manager

Digital Photo Manager is a powerful picture browser in a DVD player or recorder that provides a simple and intuitive on-screen interface and an array of photo management features.

It shows thumbnail views or slide shows of your pictures on the TV screen. You can edit your pictures (rotate, flip, tint control, filtering) and zoom in on any details.

Media Slot

Media Slot is a simple card solution, giving you instant access to digital pictures from various memory card formats like Compact Flash, Memory Stick, SD card and MultiMedia Card via a PCMCIA adaptor.

